



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Nobuhiro ISHIDA, et al.

SERIAL NO: 10/578,614

GAU:

FILED: May 8, 2006

EXAMINER:

FOR: PROMOTER IN THE PRESENCE OF ORGANIC ACID AND UTILIZATION THEREOF

113277 U.S. PTO  
10/578614

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

## REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

## RELATED CASES

- ☐ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

## CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

## DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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SHEET 1 OF 1

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 290578USOX PCT		SERIAL NO. 10/578,614	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Nobuhiro ISHIDA, et al.		FILING DATE May 8, 2006	
				GROUP			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AQ						
	AF						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AQ	2001/038549	05/31/01	WO(equivalent of US 2004/142478)			NO
	AP	1984/04538	11/22/84	WO			NO
	AQ	02/00880	01/03/02	WO(equivalent of US 2004/058429)			NO
	AP	02/064766	08/22/02	WO(equivalent of US 2004/161840)			NO
	AS	2003-164295	06/10/03	JP(with English abstract & computer generated translation)			NO
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AT	HAUF, Joerg et al., "Simultaneous genomic overexpression of seven glycolytic enzymes in the yeast <i>Saccharomyces cerevisiae</i> ", <i>Enzyme and Microbial Technology</i> , Vol. 26, No. 9-10, Pages 688-698, 2000.						
AU	RIOU, C. et al., "Stationary-Phase Gene Expression in <i>Saccharomyces cerevisiae</i> During Wine Fermentation", <i>Yeast</i> , Vol. 13, No. 10, Pages 903-915, 1997.						
AV	WU, Ke et al., "Expression and subcellular localization of a membrane protein related to Hsp30p in <i>Saccharomyces cerevisiae</i> ", <i>Biochimica Acta</i> , Vol. 1463, No. 2, Pages 477-482, 2000.						
AW	ADACHI, Eri, et al., "Modification of Metabolic Pathways of <i>Saccharomyces cerevisiae</i> by the Expression of Lactate Dehydrogenase and Deletion of Pyruvate Decarboxylase Genes for the Lactic Acid Fermentation at Low pH Value", <i>Journal of Fermentation and Bioengineering</i> , Vol. 36, No. 3, Pages 284-289, 1998.						
AX	BRAMBILLA, L. et al., "NADH reoxidation does not control glycolytic flux during exposure of respiring <i>Saccharomyces cerevisiae</i> cultures to glucose excess", <i>FEMS Microbiology Letters</i> , Vol. 171, Pages 133-140, 1999.						
AY	DEQUIN, Sylvie et al., "Mixed Lactic Acid-Alcoholic Fermentation by <i>Saccharomyces cerevisiae</i> Expressing the <i>Lactobacillus Casei</i> L (+)-LDH", <i>Bio/Technology</i> , Vol. 12, Pages 173-176, February 1994.						
AZ	PORRO, Danilo et al., "Development of Metabolically Engineered <i>Saccharomyces cerevisiae</i> Cells for the Production of Lactic Acid", <i>Biotechnol. Prog.</i> , Vol. 11, Pages 294-298, 1995.					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner	/Michele K. Joike/				Date Considered 12/16/2006		

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /MKJ/

U.S. PCT Application Serial No: 10/578,614

Filed: May 8, 2006

Nobuhiro ISHIDA, et al.

Docket No. 290578 US



#### STATEMENT OF RELEVANCY

- ) References AO - AS & AT - AV have been cited in the International Search Report. A copy of these references is being submitted herewith.
- 2) References have been cited in the corresponding Search Report. A copy of these references is being submitted herewith.
- 3) References AW & AX are discussed in the specification. A copy of these references is being submitted herewith.
- 4) References AY & AZ are additional prior art known to Applicant. A copy of these references is being submitted herewith.